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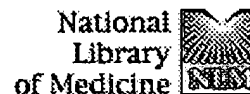




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| <input type="checkbox"/> | L6              | Lin-Daniel-C.IN.  | 0                |
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J Leukoc Biol. 2004 Feb 3 [Epub ahead of print]  
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Characterization of human circulating TIG2 as a ligand for the orphan receptor ChemR23.

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A truncated form of CK{beta}8-1 is a potent agonist for human formyl peptide-receptor-like 1 receptor.


















Br J Pharmacol. 2004 Jan;141(1):37-46. Epub 2003 Dec 08.  
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
















7: Hur EM, Park YS, Lee BD, Jang IH, Kim HS, Kim TD, Suh PG, Ryu SH, Kim KT Related Articles, Links



















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








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
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
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
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
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CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

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=> S GPCR OR G-protein-coupled-receptor

11 FILES SEARCHED...

22 FILES SEARCHED...

31 FILES SEARCHED...

46 FILES SEARCHED...

60 FILES SEARCHED...

L1 138672 GPCR OR G-PROTEIN-COUPLED-RECEPTOR

=> S L1 AND calcium

36 FILES SEARCHED...

L2 14468 L1 AND CALCIUM

=> S L1 AND intracellular calcium

41 FILES SEARCHED...

L3 3479 L1 AND INTRACELLULAR CALCIUM



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=> DUP REM L3
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,
DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET,
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING IS APPROXIMATELY 40% COMPLETE FOR L3
PROCESSING IS APPROXIMATELY 90% COMPLETE FOR L3
PROCESSING COMPLETED FOR L3
L4      1937 DUP REM L3 (1542 DUPLICATES REMOVED)

=> S L4 AND PY<=2000
'2000' NOT A VALID FIELD CODE
  6 FILES SEARCHED...
  9 FILES SEARCHED...
 12 FILES SEARCHED...
 17 FILES SEARCHED...
'2000' NOT A VALID FIELD CODE
 29 FILES SEARCHED...
'2000' NOT A VALID FIELD CODE
'2000' NOT A VALID FIELD CODE
 39 FILES SEARCHED...
'2000' NOT A VALID FIELD CODE
 44 FILES SEARCHED...
 49 FILES SEARCHED...
'2000' NOT A VALID FIELD CODE
 55 FILES SEARCHED...
 59 FILES SEARCHED...
 60 FILES SEARCHED...
L5      530 L4 AND PY<=2000

=> S L5 AND TGR18
 50 FILES SEARCHED...
L6      0 L5 AND TGR18

=> S L1 AND TGR18
 61 FILES SEARCHED...
L7      50 L1 AND TGR18

=> DUP REM L7
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,
DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET,
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L7
L8      48 DUP REM L7 (2 DUPLICATES REMOVED)

=> D L8 1-48

L8      ANSWER 1 OF 48 IFIPAT COPYRIGHT 2004 IFI on STN DUPLICATE 1
AN      10413225 IFIPAT;IFIUDB;IFICDB
TI      NOVEL      ***G***      ***PROTEIN*** - ***COUPLED***      ***RECEPTOR***
        PROTEINS AND DNAS THEREOF
IN      Ito Takashi (JP); Miyajima Nobuyuki (JP); Moriya Takeo (JP); Shintani
        Ysushi (JP)
PA      Unassigned Or Assigned To Individual (68000)
PI      US 2003157648      A1 20030821
AI      US 2003-380559      20030311
        WO 2001-JP7833      20010910
        20030311 PCT 371 date
        20030311 PCT 102(e) date
PRAI    JP 2000-280137      20000911
        JP 2001-132920      20010427
FI      US 2003157648      20030821
DT      Utility; Patent Application - First Publication
FS      CHEMICAL
        APPLICATION
CLMN    51
GI      7 Figure(s).
        FIG. 1 shows a hydrophobicity plot of      ***TGR18*** -1.
        FIG. 2 shows a hydrophobicity plot of      ***TGR18*** -2.
        FIG. 3 shows a hydrophobicity plot of      ***TGR18*** -3.
        FIG. 4 shows an amino acid sequence of      ***TGR18*** -1 represented by
        single letter symbols.
        FIG. 5 shows an amino acid sequence of      ***TGR18*** -2 represented by
        single letter symbols.

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FIG. 6 shows an amino acid sequence of \*\*\*TGR18\*\*\* -3 represented by single letter symbols.  
 FIG. 7 shows a distribution of \*\*\*TGR18\*\*\* expression in each tissue performed in Example 5.

L8 ANSWER 2 OF 48 USPATFULL on STN  
 AN 2003:120761 USPATFULL  
 TI Novel receptors  
 IN Lin, Daniel Chi-Hong, Walnut Creek, CA, UNITED STATES  
 Zhao, Jiagang, San Diego, CA, UNITED STATES  
 Chen, Jin-Long, Foster City, CA, UNITED STATES  
 Cutler, Gene, San Francisco, CA, UNITED STATES  
 PA Tularik Inc., South San Francisco, CA, UNITED STATES, 94080 (U.S. corporation)  
 PI US 2003083245 A1 20030501  
 AI US 2001-891138 A1 20010625 (9)  
 PRAI US 2000-213461P 20000623 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 3287  
 INCL INCLM: 514/012.000  
 INCLS: 530/350.000; 536/023.500; 435/069.100; 435/320.100; 435/325.000  
 NCL NCLM: 514/012.000  
 NCLS: 530/350.000; 536/023.500; 435/069.100; 435/320.100; 435/325.000  
 IC [7]  
 ICM: A61K038-17  
 ICS: C12P021-02; C12N005-06; C07H021-04; C07K014-705  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 3 OF 48 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
 AN 2002-08644 BIOTECHDS  
 TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\* polypeptides, useful for identifying modulators of signal transduction for treating kidney disease, hyperlipidemia, obesity, dyslexia and cardiac myxoma;  
 vector plasmid pCRII-mediated recombinant protein gene transfer and expression in host cell, antibody, DNA primer and DNA probe for use in hypertension, liver disease, spleen-associated disease, immune disorder and blood disease prevention, diagnosis and therapy  
 AU LIN D C; ZHAO J; CHEN J; CUTLER G  
 PA TULARIK INC  
 PI WO 2002000719 3 Jan 2002  
 AI WO 2000-US20363 23 Jun 2000  
 PRAI US 2000-213461 23 Jun 2000  
 DT Patent  
 LA English  
 OS WPI: 2002-147880 [19]

L8 ANSWER 4 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAU79495 Protein DGENE  
 TI Testis and placenta-originated \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\* \*\*\*receptor\*\*\* proteins and encoded DNAs, for developing drugs to treat e.g. Alzheimer's disease, hypertension, arteriosclerosis and dementia, including gene therapy -  
 IN Moriya T; Ito T; Shintani Y; Miyajima N  
 PA (TAKE) TAKEDA CHEM IND LTD.  
 PI WO 2002022665 A1 20020321 122p  
 AI WO 2001-JP7833 20010910  
 PRAI JP 2000-280137 20000911  
 JP 2001-132920 20010427  
 DT Patent  
 LA Japanese  
 OS 2002-362334 [39]  
 CR N-PSDB: ABK49808  
 DESC Human \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\* \*\*\*receptor\*\*\* \*\*\*TGR18\*\*\* -1.

L8 ANSWER 5 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAU79494 Protein DGENE  
 TI Testis and placenta-originated \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\* \*\*\*receptor\*\*\* proteins and encoded DNAs, for developing drugs to treat e.g. Alzheimer's disease, hypertension, arteriosclerosis and dementia, including gene therapy -  
 IN Moriya T; Ito T; Shintani Y; Miyajima N  
 PA (TAKE) TAKEDA CHEM IND LTD.  
 PI WO 2002022665 A1 20020321 122p

AI WO 2001-JP7833 20010910  
PRAI JP 2000-280137 20000911  
JP 2001-132920 20010427  
DT Patent  
LA Japanese  
OS 2002-362334 [39]  
CR N-PSDB: ABK49803  
DESC Human \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
\*\*\*TGR18\*\*\* -3.

L8 ANSWER 6 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAU79493 Protein DGENE  
TI Testis and placenta-originated \*\*\*G\*\*\* \*\*\*protein\*\*\* -  
\*\*\*coupled\*\*\* \*\*\*receptor\*\*\* proteins and encoded DNAs, for  
developing drugs to treat e.g. Alzheimer's disease, hypertension,  
arteriosclerosis and dementia, including gene therapy -  
IN Moriya T; Ito T; Shintani Y; Miyajima N  
PA (TAKE) TAKEDA CHEM IND LTD.  
PI WO 2002022665 A1 20020321 122p  
AI WO 2001-JP7833 20010910  
PRAI JP 2000-280137 20000911  
JP 2001-132920 20010427  
DT Patent  
LA Japanese  
OS 2002-362334 [39]  
CR N-PSDB: ABK49800  
DESC Human \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
\*\*\*TGR18\*\*\* -2.

L8 ANSWER 7 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAU74911 Protein DGENE  
TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
polypeptides, useful for identifying modulators of signal transduction  
for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
cardiac myxoma -  
IN Lin D C; Zhao J; Chen J; Cutler G  
PA (TULA-N) TULARIK INC.  
PI WO 2002000719 A2 20020103 78p  
AI WO 2001-US20363 20010625  
PRAI US 2000-213461P 20000623  
DT Patent  
LA English  
OS 2002-147880 [19]  
CR N-PSDB: ABK12964  
DESC Amino acid sequence of human \*\*\*G\*\*\* - \*\*\*protein\*\*\*  
\*\*\*coupled\*\*\* \*\*\*receptor\*\*\* TGR92 protein.

L8 ANSWER 8 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAU74910 Protein DGENE  
TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
polypeptides, useful for identifying modulators of signal transduction  
for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
cardiac myxoma -  
IN Lin D C; Zhao J; Chen J; Cutler G  
PA (TULA-N) TULARIK INC.  
PI WO 2002000719 A2 20020103 78p  
AI WO 2001-US20363 20010625  
PRAI US 2000-213461P 20000623  
DT Patent  
LA English  
OS 2002-147880 [19]  
CR N-PSDB: ABK12963  
DESC Amino acid sequence of human \*\*\*G\*\*\* - \*\*\*protein\*\*\*  
\*\*\*coupled\*\*\* \*\*\*receptor\*\*\* edg protein.

L8 ANSWER 9 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAU74909 Protein DGENE  
TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
polypeptides, useful for identifying modulators of signal transduction  
for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
cardiac myxoma -  
IN Lin D C; Zhao J; Chen J; Cutler G  
PA (TULA-N) TULARIK INC.  
PI WO 2002000719 A2 20020103 78p  
AI WO 2001-US20363 20010625  
PRAI US 2000-213461P 20000623

DT Patent  
LA English  
OS 2002-147880 [19]  
CR N-PSDB: ABK12962  
DESC Amino acid sequence of human \*\*\*G\*\*\* - \*\*\*protein\*\*\*  
\*\*\*coupled\*\*\* \*\*\*receptor\*\*\* TGR213 protein.

L8 ANSWER 10 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAU74908 Protein DGENE  
TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
polypeptides, useful for identifying modulators of signal transduction  
for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
cardiac myxoma -  
IN Lin D C; Zhao J; Chen J; Cutler G  
PA (TULA-N) TULARIK INC.  
PI WO 2002000719 A2 20020103 78p  
AI WO 2001-US20363 20010625  
PRAI US 2000-213461P 20000623  
DT Patent  
LA English  
OS 2002-147880 [19]  
CR N-PSDB: ABK12961  
DESC Amino acid sequence of human \*\*\*G\*\*\* - \*\*\*protein\*\*\*  
\*\*\*coupled\*\*\* \*\*\*receptor\*\*\* TGR130\_2 protein.

L8 ANSWER 11 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAU74907 Protein DGENE  
TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
polypeptides, useful for identifying modulators of signal transduction  
for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
cardiac myxoma -  
IN Lin D C; Zhao J; Chen J; Cutler G  
PA (TULA-N) TULARIK INC.  
PI WO 2002000719 A2 20020103 78p  
AI WO 2001-US20363 20010625  
PRAI US 2000-213461P 20000623  
DT Patent  
LA English  
OS 2002-147880 [19]  
CR N-PSDB: ABK12960  
DESC Amino acid sequence of human \*\*\*G\*\*\* - \*\*\*protein\*\*\*  
\*\*\*coupled\*\*\* \*\*\*receptor\*\*\* TGR130\_1 protein.

L8 ANSWER 12 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAU74906 Protein DGENE  
TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
polypeptides, useful for identifying modulators of signal transduction  
for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
cardiac myxoma -  
IN Lin D C; Zhao J; Chen J; Cutler G  
PA (TULA-N) TULARIK INC.  
PI WO 2002000719 A2 20020103 78p  
AI WO 2001-US20363 20010625  
PRAI US 2000-213461P 20000623  
DT Patent  
LA English  
OS 2002-147880 [19]  
CR N-PSDB: ABK12959  
DESC Amino acid sequence of human \*\*\*G\*\*\* - \*\*\*protein\*\*\*  
\*\*\*coupled\*\*\* \*\*\*receptor\*\*\* TGR62 protein.

L8 ANSWER 13 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAU74905 Protein DGENE  
TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
polypeptides, useful for identifying modulators of signal transduction  
for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
cardiac myxoma -  
IN Lin D C; Zhao J; Chen J; Cutler G  
PA (TULA-N) TULARIK INC.  
PI WO 2002000719 A2 20020103 78p  
AI WO 2001-US20363 20010625  
PRAI US 2000-213461P 20000623  
DT Patent  
LA English  
OS 2002-147880 [19]  
CR N-PSDB: ABK12958

DESC Amino acid sequence of human \*\*\*G\*\*\* - \*\*\*protein\*\*\*  
\*\*\*coupled\*\*\* \*\*\*receptor\*\*\* TGR21 protein.

L8 ANSWER 14 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAU74904 Protein DGENE  
TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
polypeptides, useful for identifying modulators of signal transduction  
for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
cardiac myxoma -  
IN Lin D C; Zhao J; Chen J; Cutler G  
PA (TULA-N) TULARIK INC.  
PI WO 2002000719 A2 20020103 78p  
AI WO 2001-US20363 20010625  
PRAI US 2000-213461P 20000623  
DT Patent  
LA English  
OS 2002-147880 [19]  
CR N-PSDB: ABK12957  
DESC Amino acid sequence of mouse \*\*\*G\*\*\* - \*\*\*protein\*\*\*  
\*\*\*coupled\*\*\* \*\*\*receptor\*\*\* \*\*\*TGR18\*\*\* protein.

L8 ANSWER 15 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN ABK49808 cDNA DGENE  
TI Testis and placenta-originated \*\*\*G\*\*\* \*\*\*protein\*\*\* -  
\*\*\*coupled\*\*\* \*\*\*receptor\*\*\* proteins and encoded DNAs, for  
developing drugs to treat e.g. Alzheimer's disease, hypertension,  
arteriosclerosis and dementia, including gene therapy -  
IN Moriya T; Ito T; Shintani Y; Miyajima N  
PA (TAKE) TAKEDA CHEM IND LTD.  
PI WO 2002022665 A1 20020321 122p  
AI WO 2001-JP7833 20010910  
PRAI JP 2000-280137 20000911  
JP 2001-132920 20010427  
DT Patent  
LA Japanese  
OS 2002-362334 [39]  
CR P-PSDB: AAU79495  
DESC Human cDNA encoding \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\*  
\*\*\*receptor\*\*\* \*\*\*TGR18\*\*\* -1.

L8 ANSWER 16 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN ABK49807 DNA DGENE  
TI Testis and placenta-originated \*\*\*G\*\*\* \*\*\*protein\*\*\* -  
\*\*\*coupled\*\*\* \*\*\*receptor\*\*\* proteins and encoded DNAs, for  
developing drugs to treat e.g. Alzheimer's disease, hypertension,  
arteriosclerosis and dementia, including gene therapy -  
IN Moriya T; Ito T; Shintani Y; Miyajima N  
PA (TAKE) TAKEDA CHEM IND LTD.  
PI WO 2002022665 A1 20020321 122p  
AI WO 2001-JP7833 20010910  
PRAI JP 2000-280137 20000911  
JP 2001-132920 20010427  
DT Patent  
LA Japanese  
OS 2002-362334 [39]  
DESC Human \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
\*\*\*TGR18\*\*\* -3 TaqMan PCR probe TGR18TQP.

L8 ANSWER 17 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN ABK49806 DNA DGENE  
TI Testis and placenta-originated \*\*\*G\*\*\* \*\*\*protein\*\*\* -  
\*\*\*coupled\*\*\* \*\*\*receptor\*\*\* proteins and encoded DNAs, for  
developing drugs to treat e.g. Alzheimer's disease, hypertension,  
arteriosclerosis and dementia, including gene therapy -  
IN Moriya T; Ito T; Shintani Y; Miyajima N  
PA (TAKE) TAKEDA CHEM IND LTD.  
PI WO 2002022665 A1 20020321 122p  
AI WO 2001-JP7833 20010910  
PRAI JP 2000-280137 20000911  
JP 2001-132920 20010427  
DT Patent  
LA Japanese  
OS 2002-362334 [39]  
DESC Human \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
\*\*\*TGR18\*\*\* -3 TaqMan PCR primer TGR18TQR.

L8 ANSWER 18 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN ABK49805 DNA DGENE  
 TI Testis and placenta-originated \*\*\*G\*\*\* \*\*\*protein\*\*\* -  
 \*\*\*coupled\*\*\* \*\*\*receptor\*\*\* proteins and encoded DNAs, for  
 developing drugs to treat e.g. Alzheimer's disease, hypertension,  
 arteriosclerosis and dementia, including gene therapy -  
 IN Moriya T; Ito T; Shintani Y; Miyajima N  
 PA (TAKE) TAKEDA CHEM IND LTD.  
 PI WO 2002022665 A1 20020321 122p  
 AI WO 2001-JP7833 20010910  
 PRAI JP 2000-280137 20000911  
 JP 2001-132920 20010427  
 DT Patent  
 LA Japanese  
 OS 2002-362334 [39]  
 DESC Human \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
 \*\*\*TGR18\*\*\* -3 TaqMan PCR primer TGR18TQF.

L8 ANSWER 19 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN ABK49804 DNA DGENE  
 TI Testis and placenta-originated \*\*\*G\*\*\* \*\*\*protein\*\*\* -  
 \*\*\*coupled\*\*\* \*\*\*receptor\*\*\* proteins and encoded DNAs, for  
 developing drugs to treat e.g. Alzheimer's disease, hypertension,  
 arteriosclerosis and dementia, including gene therapy -  
 IN Moriya T; Ito T; Shintani Y; Miyajima N  
 PA (TAKE) TAKEDA CHEM IND LTD.  
 PI WO 2002022665 A1 20020321 122p  
 AI WO 2001-JP7833 20010910  
 PRAI JP 2000-280137 20000911  
 JP 2001-132920 20010427  
 DT Patent  
 LA Japanese  
 OS 2002-362334 [39]  
 DESC Human \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
 \*\*\*TGR18\*\*\* -3 PCR primer.

L8 ANSWER 20 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN ABK49803 cDNA DGENE  
 TI Testis and placenta-originated \*\*\*G\*\*\* \*\*\*protein\*\*\* -  
 \*\*\*coupled\*\*\* \*\*\*receptor\*\*\* proteins and encoded DNAs, for  
 developing drugs to treat e.g. Alzheimer's disease, hypertension,  
 arteriosclerosis and dementia, including gene therapy -  
 IN Moriya T; Ito T; Shintani Y; Miyajima N  
 PA (TAKE) TAKEDA CHEM IND LTD.  
 PI WO 2002022665 A1 20020321 122p  
 AI WO 2001-JP7833 20010910  
 PRAI JP 2000-280137 20000911  
 JP 2001-132920 20010427  
 DT Patent  
 LA Japanese  
 OS 2002-362334 [39]  
 CR P-PSDB: AAU79494  
 DESC Human cDNA encoding \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\*  
 \*\*\*receptor\*\*\* \*\*\*TGR18\*\*\* -3.

L8 ANSWER 21 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN ABK49802 DNA DGENE  
 TI Testis and placenta-originated \*\*\*G\*\*\* \*\*\*protein\*\*\* -  
 \*\*\*coupled\*\*\* \*\*\*receptor\*\*\* proteins and encoded DNAs, for  
 developing drugs to treat e.g. Alzheimer's disease, hypertension,  
 arteriosclerosis and dementia, including gene therapy -  
 IN Moriya T; Ito T; Shintani Y; Miyajima N  
 PA (TAKE) TAKEDA CHEM IND LTD.  
 PI WO 2002022665 A1 20020321 122p  
 AI WO 2001-JP7833 20010910  
 PRAI JP 2000-280137 20000911  
 JP 2001-132920 20010427  
 DT Patent  
 LA Japanese  
 OS 2002-362334 [39]  
 DESC Human \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
 \*\*\*TGR18\*\*\* -2 PCR primer #2.

L8 ANSWER 22 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN ABK49801 DNA DGENE  
 TI Testis and placenta-originated \*\*\*G\*\*\* \*\*\*protein\*\*\* -

\*\*\*coupled\*\*\*      \*\*\*receptor\*\*\*      proteins and encoded DNAs, for  
 developing drugs to treat e.g. Alzheimer's disease, hypertension,  
 arteriosclerosis and dementia, including gene therapy -  
 IN Moriya T; Ito T; Shintani Y; Miyajima N  
 PA (TAKE) TAKEDA CHEM IND LTD.  
 PI WO 2002022665 A1 20020321 122p  
 AI WO 2001-JP7833 20010910  
 PRAI JP 2000-280137 20000911  
 JP 2001-132920 20010427  
 DT Patent  
 LA Japanese  
 OS 2002-362334 [39]  
 DESC Human \*\*\*G\*\*\*      \*\*\*protein\*\*\* - \*\*\*coupled\*\*\*      \*\*\*receptor\*\*\*  
          \*\*\*TGR18\*\*\* -2 PCR primer #1.

L8 ANSWER 23 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN ABK49800 CDNA DGENE  
 TI Testis and placenta-originated \*\*\*G\*\*\*      \*\*\*protein\*\*\* -  
          \*\*\*coupled\*\*\*      \*\*\*receptor\*\*\*      proteins and encoded DNAs, for  
 developing drugs to treat e.g. Alzheimer's disease, hypertension,  
 arteriosclerosis and dementia, including gene therapy -  
 IN Moriya T; Ito T; Shintani Y; Miyajima N  
 PA (TAKE) TAKEDA CHEM IND LTD.  
 PI WO 2002022665 A1 20020321 122p  
 AI WO 2001-JP7833 20010910  
 PRAI JP 2000-280137 20000911  
 JP 2001-132920 20010427  
 DT Patent  
 LA Japanese  
 OS 2002-362334 [39]  
 CR P-PSDB: AAU79493  
 DESC Human cDNA encoding \*\*\*G\*\*\*      \*\*\*protein\*\*\* - \*\*\*coupled\*\*\*  
          \*\*\*receptor\*\*\*      \*\*\*TGR18\*\*\* -2.

L8 ANSWER 24 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN ABK12974 DNA DGENE  
 TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\*      \*\*\*coupled\*\*\*      \*\*\*receptor\*\*\*  
 polypeptides, useful for identifying modulators of signal transduction  
 for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
 cardiac myxoma -  
 IN Lin D C; Zhao J; Chen J; Cutler G  
 PA (TULA-N) TULARIK INC.  
 PI WO 2002000719 A2 20020103 78p  
 AI WO 2001-US20363 20010625  
 PRAI US 2000-213461P 20000623  
 DT Patent  
 LA English  
 OS 2002-147880 [19]  
 DESC DNA sequence of PCR primer #2, used to amplify human TRG62.

L8 ANSWER 25 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN ABK12973 DNA DGENE  
 TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\*      \*\*\*coupled\*\*\*      \*\*\*receptor\*\*\*  
 polypeptides, useful for identifying modulators of signal transduction  
 for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
 cardiac myxoma -  
 IN Lin D C; Zhao J; Chen J; Cutler G  
 PA (TULA-N) TULARIK INC.  
 PI WO 2002000719 A2 20020103 78p  
 AI WO 2001-US20363 20010625  
 PRAI US 2000-213461P 20000623  
 DT Patent  
 LA English  
 OS 2002-147880 [19]  
 DESC DNA sequence of PCR primer #1, used to amplify human TRG62.

L8 ANSWER 26 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN ABK12972 DNA DGENE  
 TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\*      \*\*\*coupled\*\*\*      \*\*\*receptor\*\*\*  
 polypeptides, useful for identifying modulators of signal transduction  
 for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
 cardiac myxoma -  
 IN Lin D C; Zhao J; Chen J; Cutler G  
 PA (TULA-N) TULARIK INC.  
 PI WO 2002000719 A2 20020103 78p  
 AI WO 2001-US20363 20010625

PRAI US 2000-213461P 20000623  
DT Patent  
LA English  
OS 2002-147880 [19]  
DESC DNA sequence of human TGR130\_1 nested gene specific primer for 3' RACE.

L8 ANSWER 27 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN ABK12971 DNA DGENE  
TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
polypeptides, useful for identifying modulators of signal transduction  
for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
cardiac myxoma -  
IN Lin D C; Zhao J; Chen J; Cutler G  
PA (TULA-N) TULARIK INC.  
PI WO 2002000719 A2 20020103 78p  
AI WO 2001-US20363 20010625  
PRAI US 2000-213461P 20000623  
DT Patent  
LA English  
OS 2002-147880 [19]  
DESC DNA sequence of human TGR130\_1 gene specific primer for 3' RACE.

L8 ANSWER 28 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN ABK12970 DNA DGENE  
TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
polypeptides, useful for identifying modulators of signal transduction  
for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
cardiac myxoma -  
IN Lin D C; Zhao J; Chen J; Cutler G  
PA (TULA-N) TULARIK INC.  
PI WO 2002000719 A2 20020103 78p  
AI WO 2001-US20363 20010625  
PRAI US 2000-213461P 20000623  
DT Patent  
LA English  
OS 2002-147880 [19]  
DESC DNA sequence of human TGR130\_1 nested gene specific primer for 5' RACE.

L8 ANSWER 29 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN ABK12969 DNA DGENE  
TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
polypeptides, useful for identifying modulators of signal transduction  
for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
cardiac myxoma -  
IN Lin D C; Zhao J; Chen J; Cutler G  
PA (TULA-N) TULARIK INC.  
PI WO 2002000719 A2 20020103 78p  
AI WO 2001-US20363 20010625  
PRAI US 2000-213461P 20000623  
DT Patent  
LA English  
OS 2002-147880 [19]  
DESC DNA sequence of human TGR130\_1 gene specific primer for 5' RACE.

L8 ANSWER 30 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN ABK12968 DNA DGENE  
TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
polypeptides, useful for identifying modulators of signal transduction  
for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
cardiac myxoma -  
IN Lin D C; Zhao J; Chen J; Cutler G  
PA (TULA-N) TULARIK INC.  
PI WO 2002000719 A2 20020103 78p  
AI WO 2001-US20363 20010625  
PRAI US 2000-213461P 20000623  
DT Patent  
LA English  
OS 2002-147880 [19]  
DESC DNA sequence of mouse \*\*\*TGR18\*\*\* nested gene specific primer for 3' RACE.

L8 ANSWER 31 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN ABK12967 DNA DGENE  
TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
polypeptides, useful for identifying modulators of signal transduction  
for treating kidney disease, hyperlipidemia, obesity, dyslexia and



cardiac myxoma -  
 IN Lin D C; Zhao J; Chen J; Cutler G  
 PA (TULA-N) TULARIK INC.  
 PI WO 2002000719 A2 20020103 78p  
 AI WO 2001-US20363 20010625  
 PRAI US 2000-213461P 20000623  
 DT Patent  
 LA English  
 OS 2002-147880 [19]  
 DESC DNA sequence of mouse \*\*\*TGR18\*\*\* gene specific primer for 3' RACE.

L8 ANSWER 32 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN ABK12966 DNA DGENE  
 TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
 polypeptides, useful for identifying modulators of signal transduction  
 for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
 cardiac myxoma -

IN Lin D C; Zhao J; Chen J; Cutler G  
 PA (TULA-N) TULARIK INC.  
 PI WO 2002000719 A2 20020103 78p  
 AI WO 2001-US20363 20010625  
 PRAI US 2000-213461P 20000623  
 DT Patent  
 LA English  
 OS 2002-147880 [19]  
 DESC DNA sequence of mouse \*\*\*TGR18\*\*\* nested gene specific primer for 5' RACE.

L8 ANSWER 33 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN ABK12965 DNA DGENE  
 TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
 polypeptides, useful for identifying modulators of signal transduction  
 for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
 cardiac myxoma -

IN Lin D C; Zhao J; Chen J; Cutler G  
 PA (TULA-N) TULARIK INC.  
 PI WO 2002000719 A2 20020103 78p  
 AI WO 2001-US20363 20010625  
 PRAI US 2000-213461P 20000623  
 DT Patent  
 LA English  
 OS 2002-147880 [19]  
 DESC DNA sequence of mouse \*\*\*TGR18\*\*\* gene specific primer for 5' RACE.

L8 ANSWER 34 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN ABK12964 DNA DGENE  
 TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
 polypeptides, useful for identifying modulators of signal transduction  
 for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
 cardiac myxoma -

IN Lin D C; Zhao J; Chen J; Cutler G  
 PA (TULA-N) TULARIK INC.  
 PI WO 2002000719 A2 20020103 78p  
 AI WO 2001-US20363 20010625  
 PRAI US 2000-213461P 20000623  
 DT Patent  
 LA English  
 OS 2002-147880 [19]  
 CR P-PSDB: AAU74911  
 DESC DNA sequence of human \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\*  
 \*\*\*receptor\*\*\* TGR92 gene.

L8 ANSWER 35 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN ABK12963 DNA DGENE  
 TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
 polypeptides, useful for identifying modulators of signal transduction  
 for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
 cardiac myxoma -

IN Lin D C; Zhao J; Chen J; Cutler G  
 PA (TULA-N) TULARIK INC.  
 PI WO 2002000719 A2 20020103 78p  
 AI WO 2001-US20363 20010625  
 PRAI US 2000-213461P 20000623  
 DT Patent  
 LA English  
 OS 2002-147880 [19]

CR P-PSDB: AAU74910  
DESC DNA sequence of human \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\*  
\*\*\*receptor\*\*\* novel edg (hEDG) gene.

L8 ANSWER 36 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN ABK12962 DNA DGENE  
TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
polypeptides, useful for identifying modulators of signal transduction  
for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
cardiac myxoma -  
IN Lin D C; Zhao J; Chen J; Cutler G  
PA (TULA-N) TULARIK INC.  
PI WO 2002000719 A2 20020103 78p  
AI WO 2001-US20363 20010625  
PRAI US 2000-213461P 20000623  
DT Patent  
LA English  
OS 2002-147880 [19]  
CR P-PSDB: AAU74909  
DESC DNA sequence of human \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\*  
\*\*\*receptor\*\*\* TGR213 gene.

L8 ANSWER 37 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN ABK12961 DNA DGENE  
TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
polypeptides, useful for identifying modulators of signal transduction  
for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
cardiac myxoma -  
IN Lin D C; Zhao J; Chen J; Cutler G  
PA (TULA-N) TULARIK INC.  
PI WO 2002000719 A2 20020103 78p  
AI WO 2001-US20363 20010625  
PRAI US 2000-213461P 20000623  
DT Patent  
LA English  
OS 2002-147880 [19]  
CR P-PSDB: AAU74908  
DESC DNA sequence of human \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\*  
\*\*\*receptor\*\*\* TGR130\_2 gene.

L8 ANSWER 38 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN ABK12960 DNA DGENE  
TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
polypeptides, useful for identifying modulators of signal transduction  
for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
cardiac myxoma -  
IN Lin D C; Zhao J; Chen J; Cutler G  
PA (TULA-N) TULARIK INC.  
PI WO 2002000719 A2 20020103 78p  
AI WO 2001-US20363 20010625  
PRAI US 2000-213461P 20000623  
DT Patent  
LA English  
OS 2002-147880 [19]  
CR P-PSDB: AAU12960  
DESC DNA sequence of human \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\*  
\*\*\*receptor\*\*\* TGR130\_1 gene.

L8 ANSWER 39 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN ABK12959 DNA DGENE  
TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
polypeptides, useful for identifying modulators of signal transduction  
for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
cardiac myxoma -  
IN Lin D C; Zhao J; Chen J; Cutler G  
PA (TULA-N) TULARIK INC.  
PI WO 2002000719 A2 20020103 78p  
AI WO 2001-US20363 20010625  
PRAI US 2000-213461P 20000623  
DT Patent  
LA English  
OS 2002-147880 [19]  
CR P-PSDB: AAU74906  
DESC DNA sequence of human \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\*  
\*\*\*receptor\*\*\* TGR62 gene.

L8 ANSWER 40 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN ABK12958 DNA DGENE  
 TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
 polypeptides, useful for identifying modulators of signal transduction  
 for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
 cardiac myxoma -  
 IN Lin D C; Zhao J; Chen J; Cutler G  
 PA (TULA-N) TULARIK INC.  
 PI WO 2002000719 A2 20020103 78p  
 AI WO 2001-US20363 20010625  
 PRAI US 2000-213461P 20000623  
 DT Patent  
 LA English  
 OS 2002-147880 [19]  
 CR P-PSDB: AAU74905  
 DESC DNA sequence of human \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\*  
 \*\*\*receptor\*\*\* TGR21 gene.

L8 ANSWER 41 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN ABK12957 DNA DGENE  
 TI New \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
 polypeptides, useful for identifying modulators of signal transduction  
 for treating kidney disease, hyperlipidemia, obesity, dyslexia and  
 cardiac myxoma -  
 IN Lin D C; Zhao J; Chen J; Cutler G  
 PA (TULA-N) TULARIK INC.  
 PI WO 2002000719 A2 20020103 78p  
 AI WO 2001-US20363 20010625  
 PRAI US 2000-213461P 20000623  
 DT Patent  
 LA English  
 OS 2002-147880 [19]  
 CR P-PSDB: AAU74904  
 DESC DNA sequence of mouse \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\*  
 \*\*\*receptor\*\*\* \*\*\*TGR18\*\*\* gene.

L8 ANSWER 42 OF 48 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BD188021 GenBank (R)  
 GenBank ACC. NO. (GBN): BD188021  
 GenBank VERSION (VER): BD188021.1 GI:32997760  
 CAS REGISTRY NO. (RN): 553026-11-2  
 SEQUENCE LENGTH (SQL): 26  
 MOLECULE TYPE (CI): DNA; linear  
 DIVISION CODE (CI): Patent  
 DATE (DATE): 17 Jul 2003  
 DEFINITION (DEF): Novel \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\*  
 \*\*\*receptor\*\*\* and its DNA.  
 KEYWORDS (ST): JP 2003009884-A/5  
 SOURCE: synthetic construct  
 ORGANISM (ORGN): synthetic construct  
 artificial sequences  
 NUCLEIC ACID COUNT (NA): 7 a 5 c 3 g 11 t  
 COMMENT:  
 OS Artificial Sequence  
 PN JP 2003009884-A/5  
 PD 14-JAN-2003  
 PF 10-SEP-2001 JP 2001273677  
 PI TAKEO MORIYA, TAKASHI ITO, YASUSHI SHINTANI, NOBUYUKI MIYAJIMA PC  
 C12N15/09, A61K38/00, A61K45/00, A61K48/00, A61P3/10, A61P9/00, PC  
 A61P9/10,  
 PC A61P9/10, A61P9/12, A61P11/06, A61P25/18, A61P25/28, A61P29/00, PC  
 A61P35/00,  
 PC A61P37/08, C07K14/705, C07K16/28, C12N1/15, C12N1/19, C12N1/21, PC  
 C12N5/10,  
 PC C12P21/02, C12Q1/68, G01N33/15, G01N33/50, G01N33/53, G01N33/53, PC  
 G01N33/566,  
 PC G01N33/58, C12N15/00, C12N5/00, A61K37/02  
 CC Designed oligonucleotide primer to amplify DNA encoding \*\*\*TGR18\*\*\*  
 -  
 CC 3  
 FH Key Location/Qualifiers  
 FT source 1..26  
 FT /organism='Artificial Sequence'.  
 REFERENCE: 1 (bases 1 to 26)  
 AUTHOR (AU): Moriya, T.; Ito, T.; Shintani, Y.; Miyajima, N.

TITLE (TI): Novel \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\*  
\*\*\*receptor\*\*\* and its DNA  
JOURNAL (SO): Patent: JP 2003009884-A 5 14-JAN-2003; TAKEDA CHEMICAL  
INDUSTRIES LTD

FEATURES (FEAT):

| Feature Key | Location | Qualifier  |
|-------------|----------|--|
| source      | 1..26    | /organism="synthetic construct"<br>/mol-type="genomic DNA"<br>/db-xref="taxon:32630" |

SEQUENCE (SEQ):

1 tcatccttga cgattcatta atttag

L8 ANSWER 43 OF 48 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BD188019 GenBank (R)  
GenBank ACC. NO. (GBN): BD188019  
GenBank VERSION (VER): BD188019.1 GI:32997758  
CAS REGISTRY NO. (RN): 553026-09-8  
SEQUENCE LENGTH (SQL): 24  
MOLECULE TYPE (CI): DNA; linear  
DIVISION CODE (CI): Patent  
DATE (DATE): 17 Jul 2003  
DEFINITION (DEF): Novel \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\*  
\*\*\*receptor\*\*\* and its DNA.

KEYWORDS (ST): JP 2003009884-A/3  
SOURCE: synthetic construct  
ORGANISM (ORGN): synthetic construct  
artificial sequences

NUCLEIC ACID COUNT (NA): 10 a 4 c 6 g 4 t

COMMENT:

OS Artificial Sequence  
PN JP 2003009884-A/3  
PD 14-JAN-2003  
PF 10-SEP-2001 JP 2001273677  
PI TAKEO MORIYA, TAKASHI ITO, YASUSHI SHINTANI, NOBUYUKI MIYAJIMA PC  
C12N15/09, A61K38/00, A61K45/00, A61K48/00, A61P3/10, A61P9/00, PC  
A61P9/10,  
PC A61P9/10, A61P9/12, A61P11/06, A61P25/18, A61P25/28, A61P29/00, PC  
A61P35/00,  
PC A61P37/08, C07K14/705, C07K16/28, C12N1/15, C12N1/19, C12N1/21, PC  
C12N5/10,  
PC C12P21/02, C12Q1/68, G01N33/15, G01N33/50, G01N33/53, G01N33/53, PC  
G01N33/566,  
PC G01N33/58, C12N15/00, C12N5/00, A61K37/02  
CC Designed oligonucleotide primer to amplify DNA encoding \*\*\*TGR18\*\*\*

CC 2  
FH Key Location/Qualifiers  
FT source 1..24  
FT /organism='Artificial Sequence'.

REFERENCE:

1 (bases 1 to 24)  
AUTHOR (AU): Moriya, T.; Ito, T.; Shintani, Y.; Miyajima, N.  
TITLE (TI): Novel \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\*  
\*\*\*receptor\*\*\* and its DNA  
JOURNAL (SO): Patent: JP 2003009884-A 3 14-JAN-2003; TAKEDA CHEMICAL  
INDUSTRIES LTD

FEATURES (FEAT):

| Feature Key | Location | Qualifier  |
|-------------|----------|--|
| source      | 1..24    | /organism="synthetic construct"<br>/mol-type="genomic DNA"<br>/db-xref="taxon:32630" |

SEQUENCE (SEQ):

1 ctagtcggag taacacagaa aagt

L8 ANSWER 44 OF 48 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BD188018 GenBank (R)  
GenBank ACC. NO. (GBN): BD188018  
GenBank VERSION (VER): BD188018.1 GI:32997757  
CAS REGISTRY NO. (RN): 553026-08-7

SEQUENCE LENGTH (SQL): 24  
 MOLECULE TYPE (CI): DNA; linear  
 DIVISION CODE (CI): Patent  
 DATE (DATE): 17 Jul 2003  
 DEFINITION (DEF): Novel \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\*  
                               \*\*\*receptor\*\*\* and its DNA.  
 KEYWORDS (ST): JP 2003009884-A/2  
 SOURCE: synthetic construct  
   ORGANISM (ORGN): synthetic construct  
                               artificial sequences  
 NUCLEIC ACID COUNT (NA): 10 a 6 c 5 g 3 t  
 COMMENT:  
   OS Artificial Sequence  
   PN JP 2003009884-A/2  
   PD 14-JAN-2003  
   PF 10-SEP-2001 JP 2001273677  
   PI TAKEO MORIYA, TAKASHI ITO, YASUSHI SHINTANI, NOBUYUKI MIYAJIMA PC  
     C12N15/09, A61K38/00, A61K45/00, A61K48/00, A61P3/10, A61P9/00, PC  
     A61P9/10,  
   PC A61P9/10, A61P9/12, A61P11/06, A61P25/18, A61P25/28, A61P29/00, PC  
     A61P35/00,  
   PC A61P37/08, C07K14/705, C07K16/28, C12N1/15, C12N1/19, C12N1/21, PC  
     C12N5/10,  
   PC C12P21/02, C12Q1/68, G01N33/15, G01N33/50, G01N33/53, G01N33/53, PC  
     G01N33/566,  
   PC G01N33/58, C12N15/00, C12N5/00, A61K37/02  
   CC Designed oligonucleotide primer to amplify DNA encoding \*\*\*TGR18\*\*\*  
     -  
   CC 2  
   FH Key Location/Qualifiers  
   FT source 1..24  
   FT /organism='Artificial sequence'.  
 REFERENCE: 1 (bases 1 to 24)  
   AUTHOR (AU): Moriya, T.; Ito, T.; Shintani, Y.; Miyajima, N.  
   TITLE (TI): Novel \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\*  
                               \*\*\*receptor\*\*\* and its DNA  
   JOURNAL (SO): Patent: JP 2003009884-A 2 14-JAN-2003; TAKEDA CHEMICAL  
                               INDUSTRIES LTD

FEATURES (FEAT):  

| Feature Key | Location | Qualifier  |
|-------------|----------|--|
| source      | 1..24    | /organism="synthetic construct"<br>/mol-type="genomic DNA"<br>/db-xref="taxon:32630" |

SEQUENCE (SEQ):  
 1 atgaaaatga agtcccaggc aacc

L8 ANSWER 45 OF 48 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BD142327 GenBank (R)  
 GenBank ACC. NO. (GBN): BD142327  
 GenBank VERSION (VER): BD142327.1 GI:23237272  
 CAS REGISTRY NO. (RN): 457165-92-3  
 SEQUENCE LENGTH (SQL): 26  
 MOLECULE TYPE (CI): DNA; linear  
 DIVISION CODE (CI): Patent  
 DATE (DATE): 18 Sep 2002  
 DEFINITION (DEF): Novel \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\*  
                               \*\*\*receptor\*\*\* and its DNA.  
 SOURCE: synthetic construct.  
   ORGANISM (ORGN): synthetic construct  
                               artificial sequences  
 NUCLEIC ACID COUNT (NA): 7 a 5 c 3 g 11 t  
 COMMENT:  
   OS Artificial Sequence  
   PN WO 0222665-A/5  
   PD 21-MAR-2002  
   PF 10-SEP-2001 WO 2001JP007833  
   PR 11-SEP-2000 JP 00P 280137, 27-APR-2001 JP 01P 132920 PI  
   TAKEO MORIYA, TAKASHI ITO, YASUSHI SHINTANI, NOBUYUKI MIYAJIMA PC  
     C07K14/075, C12N15/12, C12P21/02, A61K38/17, C07K16/28, G01N33/53, PC  
     G01N33/15,  
   PC A61K45/00, A61P25/00, C12Q1/68, G01N33/566  
   CC Designed oligonucleotide primer to amplify DNA encoding \*\*\*TGR18\*\*\*

CC 3  
 FH Key Location/Qualifiers  
 FT source 1..26  
 FT /organism='Artificial Sequence'.  
 REFERENCE: 1 (bases 1 to 26)  
 AUTHOR (AU): Moriya,T.; Ito,T.; Shintani,Y.; Miyajima,N.  
 TITLE (TI): Novel \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\*  
 \*\*\*receptor\*\*\* and its DNA  
 JOURNAL (SO): Patent: WO 0222665-A 5 21-MAR-2002; TAKEDA CHEMICAL  
 INDUSTRIES LTD,TAKEO MORIYA,TAKASHI ITO, YASUSHI  
 SHINTANI, NOBUYUKI MIYAJIMA

FEATURES (FEAT):  

| Feature Key | Location | Qualifier   |
|-------------|----------|---|
| source      | 1..26    | /organism="synthetic construct"<br>/db-xref="taxon:32630" |

SEQUENCE (SEQ):  
 1 tcatccttga cgattcatta atttag

L8 ANSWER 46 OF 48 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BD142325 GenBank (R)  
 GenBank ACC. NO. (GBN): BD142325  
 GenBank VERSION (VER): BD142325.1 GI:23237270  
 CAS REGISTRY NO. (RN): 457165-90-1  
 SEQUENCE LENGTH (SQL): 24  
 MOLECULE TYPE (CI): DNA; linear  
 DIVISION CODE (CI): Patent  
 DATE (DATE): 18 Sep 2002  
 DEFINITION (DEF): Novel \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\*  
 \*\*\*receptor\*\*\* and its DNA.

SOURCE:  
 ORGANISM (ORGN): synthetic construct.  
 synthetic construct  
 artificial sequences

NUCLEIC ACID COUNT (NA): 10 a 4 c 6 g 4 t

COMMENT:  
 OS Artificial Sequence  
 PN WO 0222665-A/3  
 PD 21-MAR-2002  
 PF 10-SEP-2001 WO 2001JP007833  
 PR 11-SEP-2000 JP 00P 280137,27-APR-2001 JP 01P 132920 PI  
 TAKEO MORIYA,TAKASHI ITO,YASUSHI SHINTANI,NOBUYUKI MIYAJIMA PC  
 C07K14/075,C12N15/12,C12P21/02,A61K38/17,C07K16/28,G01N33/53, PC  
 G01N33/15,  
 PC A61K45/00,A61P25/00,C12Q1/68,G01N33/566  
 CC Designed oligonucleotide primer to amplify DNA encoding \*\*\*TGR18\*\*\*

CC 2  
 FH Key Location/Qualifiers  
 FT source 1..24  
 FT /organism='Artificial Sequence'.  
 REFERENCE: 1 (bases 1 to 24)  
 AUTHOR (AU): Moriya,T.; Ito,T.; Shintani,Y.; Miyajima,N.  
 TITLE (TI): Novel \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\*  
 \*\*\*receptor\*\*\* and its DNA  
 JOURNAL (SO): Patent: WO 0222665-A 3 21-MAR-2002; TAKEDA CHEMICAL  
 INDUSTRIES LTD,TAKEO MORIYA,TAKASHI ITO, YASUSHI  
 SHINTANI, NOBUYUKI MIYAJIMA

FEATURES (FEAT):  

| Feature Key | Location | Qualifier   |
|-------------|----------|---|
| source      | 1..24    | /organism="synthetic construct"<br>/db-xref="taxon:32630" |

SEQUENCE (SEQ):  
 1 ctagtgcggag taacacagaa aagt

L8 ANSWER 47 OF 48 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BD142324 GenBank (R)  
 GenBank ACC. NO. (GBN): BD142324  
 GenBank VERSION (VER): BD142324.1 GI:23237269

CAS REGISTRY NO. (RN): 457165-89-8  
 SEQUENCE LENGTH (SQL): 24  
 MOLECULE TYPE (CI): DNA; linear  
 DIVISION CODE (CI): Patent  
 DATE (DATE): 18 Sep 2002  
 DEFINITION (DEF): Novel \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\*  
 \*\*\*receptor\*\*\* and its DNA.  
 SOURCE: synthetic construct.  
 ORGANISM (ORGN): synthetic construct  
 artificial sequences  
 NUCLEIC ACID COUNT (NA): 10 a 6 c 5 g 3 t  
 COMMENT:  
 OS Artificial Sequence  
 PN WO 0222665-A/2  
 PD 21-MAR-2002  
 PF 10-SEP-2001 WO 2001JP007833  
 PR 11-SEP-2000 JP 00P 280137,27-APR-2001 JP 01P 132920 PI  
 TAKEO MORIYA,TAKASHI ITO,YASUSHI SHINTANI,NOBUYUKI MIYAJIMA PC  
 C07K14/075,C12N15/12,C12P21/02,A61K38/17,C07K16/28,G01N33/53, PC  
 G01N33/15,  
 PC A61K45/00,A61P25/00,C12Q1/68,G01N33/566  
 CC Designed oligonucleotide primer to amplify DNA encoding \*\*\*TGR18\*\*\*  
 -

CC 2  
 FH Key Location/Qualifiers  
 FT source 1..24  
 FT /organism='Artificial Sequence'.  
 REFERENCE: 1 (bases 1 to 24)  
 AUTHOR (AU): Moriya,T.; Ito,T.; Shintani,Y.; Miyajima,N.  
 TITLE (TI): Novel \*\*\*G\*\*\* \*\*\*protein\*\*\* - \*\*\*coupled\*\*\*  
 \*\*\*receptor\*\*\* and its DNA  
 JOURNAL (SO): Patent: WO 0222665-A 2 21-MAR-2002; TAKEDA CHEMICAL  
 INDUSTRIES LTD,TAKEO MORIYA,TAKASHI ITO, YASUSHI  
 SHINTANI, NOBUYUKI MIYAJIMA

| Feature Key | Location | Qualifier   |
|-------------|----------|---|
| source      | 1..24    | /organism="synthetic construct"<br>/db-xref="taxon:32630" |

SEQUENCE (SEQ):  
 1 atgaaaatga agtcccaggc aacc

L8 ANSWER 48 OF 48 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AX376573 GenBank (R)  
 GenBank ACC. NO. (GBN): AX376573  
 GenBank VERSION (VER): AX376573.1 GI:19170674  
 CAS REGISTRY NO. (RN): 409209-92-3  
 SEQUENCE LENGTH (SQL): 1543  
 MOLECULE TYPE (CI): DNA; linear  
 DIVISION CODE (CI): Patent  
 DATE (DATE): 1 Mar 2002  
 DEFINITION (DEF): Sequence 1 from Patent WO0200719.  
 SOURCE: house mouse.  
 ORGANISM (ORGN): Mus musculus  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
 Euteleostomi; Mammalia; Eutheria; Rodentia;  
 Sciurognathi; Muridae; Murinae; Mus  
 NUCLEIC ACID COUNT (NA): 438 a 352 c 293 g 460 t  
 REFERENCE: 1 (sites)  
 AUTHOR (AU): Lin,D.C.; Zhao,J.; Chen,J.L.; Cutler,G.  
 TITLE (TI): Novel receptors  
 JOURNAL (SO): Patent: WO 0200719-A 1 03-JAN-2002; Tularik Inc. (US)

| Feature Key | Location | Qualifier  |
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